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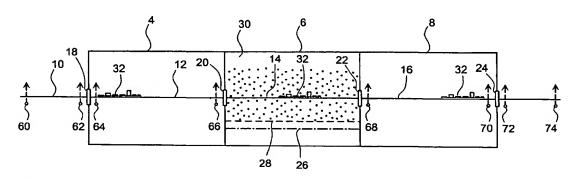
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(54) Title: METHOD AND APPARATUS FOR VAPOUR PHASE SOLDERING



(57) Abstract: The present invention concerns a method and an apparatus for performing soldering of items that are applied a soldering agent, where the soldering apparatus includes at least one soldering zone, where the soldering zone include means for generating vapour, the apparatus being adapted to heat the items to be soldered to a temperature required for soldering by condensing the vapour. Further the invention relates to a method and an apparatus for flux deposition connected to a soldering machine, which soldering machine comprises a solder heating medium evaporated by heating means forming a vapour that heats elements to be soldered by heat transfer and by condensation, which apparatus comprises means for condensation, of a vapour containing flux where pumping means circulate vapor containing flux through the condensation means, where the condensation means comprises heat exchangers for cooling the vapour for flux condensation.

